

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A flexible tubular pipe ~~[[(1)]]~~ for transporting fluid in the field of offshore petroleum development, ~~[[of]]~~ the ~~[[type]]~~ pipe comprising from inside the pipe outward at least one impervious inner polymer sheath ~~[[(3)]]~~, one or more than one successively applied reinforcing layers each formed from coils of a reinforcing wires or of metallic strips or of long composite elements ~~(4, 5, 6)~~, at least one second polymer sheath defining at least one of ~~such as~~ an outer protective sheath ~~[[(7)]]~~ or an intermediate sheath ~~[[(8)]]~~, ~~characterized in that said~~ wherein the second polymer sheath is ~~[[made]]~~ comprised of elastomeric thermoplastic polymer (TPE).
2. (currently amended) The flexible tubular pipe ~~[[(1)]]~~ as claimed in claim 1, ~~characterized in that~~ wherein the thermoplastic ~~[[block]]~~ of the elastomeric thermoplastic polymer (TPE) is an olefin.
3. (currently amended) The flexible tubular pipe as claimed in claim 2, ~~characterized in that~~ wherein the thermoplastic ~~[[block]]~~ of the elastomeric thermoplastic polymer (TPE) is a crosslinkable grafted olefin.
4. (currently amended) The flexible tubular pipe ~~[[(1)]]~~ as claimed in claim 1, ~~wherein any one of the preceding claims, characterized in that~~ the thermoplastic ~~[[block]]~~ used ~~to form~~ for the elastomeric thermoplastic polymer (TPE) is a polypropylene.
5. (currently amended) The flexible tubular pipe ~~[[(1)]]~~ as claimed in claim 1, ~~wherein any one of the preceding claims, characterized in that the elastomer is~~ used to form the elastomeric thermoplastic polymer (TPE) and the elastomer is chosen from the following group of elastomers consisting of:

- SBS (styrene butadiene styrene)
- SEBS (styrene ethylene butadiene styrene)
- EPDM (ethylene propylene diene monomer)
- polybutadiene
- polyisoprene
- polyethylene-butylene

6. (currently amended) Flexible tubular pipe $[(1)]$ as claimed in claim 1, wherein ~~any one of the preceding claims, characterized in that~~ the elastomeric thermoplastic polymer ~~used to form~~ which forms the second polymer sheath has a yield point stress σ_s of greater than 10 MPa.

7. (currently amended) The flexible tubular pipe $[(1)]$ as claimed in claim 1, wherein ~~any one of the preceding claims, characterized in that~~ the elastomeric thermoplastic ~~used to form~~ which forms the second polymer sheath has a resistance to thermal oxidation OIT at 210°C of greater than 20 minutes.

8. (currently amended) The flexible tubular pipe $[(1)]$ as claimed in claim 1, wherein ~~any one of the preceding claims, characterized in that~~ the elastomeric thermoplastic ~~used to form~~ which forms the second polymer sheath comprises anti-UV additives chosen such that $[[its]]$ stability of the second sheath is greater than 1500 hours (Xenotest).

9. (currently amended) The flexible tubular pipe $[(1)]$ as claimed in claim 1, wherein ~~any one of the preceding claims, characterized in that~~ the second sheath $[[made]]$ of elastomeric thermoplastic ~~is formed by~~ polymer defines the outer protective sheath $[(7)]$ of the pipe $[[1]]$.

10. (currently amended) The flexible tubular pipe $[(1)]$ as claimed in claim 1, wherein ~~any one of the preceding claims, characterized in that~~ the second sheath $[[made]]$ of elastomeric thermoplastic ~~is formed by~~ polymer defines an intermediate sheath $[(8)]$ of the pipe.